LPS5C12X, LPS5C24X
Linear Power Supply/Charger

Rev. DSLPS5C12X - A27F

Overview

• These linear power supply/charger will convert a 115VAC 60Hz input to a 3.5 amp via 12VDC or 24VDC continuous true UPS output. The output stays regulated until the battery discharges to 25% capacity.

LPS5C12X

• 12VDC output.
• Input 115VAC 50/60Hz rated @ 1 amp.

LPS5C24X

• 24VDC output.
• Input 115VAC 50/60Hz rated @ 1.6 amp.

Specifications

• 3.5 amp continuous supply current.
• Filtered and electronically regulated.
• Short circuit and thermal overload protection.
• Built in charger for sealed lead acid batteries.
• Maximum charge current .3 amp.
• Automatic switchover to stand-by battery when AC Fails (zero voltage drop).
• PTC battery protection.
• AC input and DC output LED indicators.
• Low battery and AC fail supervision (dry relay outputs 1 amp @ 28VDC).
• Includes battery leads.
• Product weight:
  - LPS5C12X: 11.4 lbs.
  - LPS5C24X: 11.8 lbs.
• Shipping weight:
  - LPS5C12X: 12.4 lbs.
  - LPS5C24X: 12.8 lbs.

Enclosure Dimensions

15.5"H x 12"W x 4.5"D